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## UTILITY **PATENT APPLICATION TRANSMITTAL**

ARC920030012US1 Attorney Docket No. **LAWRENCE YIUM-CHEE CHIU** First Inventor A Storage System and Method for Prestaging Data in a Cache for Improved Performance ELIO100000EQUIC

Only for new nonprovisi	onal applications under 37 CFR 1.53	(b)) E)	xpress .	Mail Label No	EU91	<u>899</u>	<u> </u>	<u> </u>
APPLICATION ELEMENTS			ADDI	RESS TO:	Assistant Co Box Patent		ioner for Pat	ents
See MPEP chapter 600 concerning utility patent application contents.					Washington			
1. Fee Transmittal (Submit an original and Applicant claims See 37 CFR 1.2 3. Specification (preferred arrangeme - Descriptive titl - Cross Referer - Statement Re - Reference to s or a computer - Background o - Brief Summar - Brief Descripti - Detailed Descripti - Detailed Descripti - Claim(s) - Abstract of the  4. Drawing(s) (35 5. Oath or Declaration  a. Newly exertication b. Geller  i. DELE Signed s named in	Form (e.g., PTO/SB/17) In duplicate for fee processing) In small entity status.  Total Pages In the invention In the inventio	] ]	a b. Sp	i. CD-R ii. paper Statements of COMPANY Assignment F 37 CFR 3.73 (when there is 1) English Trans Information D Statement (III Preliminary A Return Rece (Should be signature) Certified Cop (if foreign print foreig	D-R in duplica gram (Appendino Acid Sequessary) eadable Form uence Listing of OM or CD-R of OM or CD-R of OM OT CD	te, larger lix) uence (CRF) on: (2 copie lity of all CATI list) ent (if all lixed) occume on lixed lixed lixed)	e table or Submission  es); or  bove copies  ON PARTS  document(s  Power of Attorney  applicable)  Copies of Citations  503)  nt(s)  U.S.C. 122	)) IDS
6. Application Data Sheet. See 37 CFR 1.76 or its equivalent.								
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:  Continuation Divisional Continuation-in-part (CIP) Of prior application No.:  For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.								
	19. CORRESP	ONDENC	E ADDR	ESS				
Customer Number or Bar	Code Label (Insert Customer No. or Al	tach bar code	label here)	or [	Correspo	ndence a	ddress below	
Name	KHANH Q. TRAN							
	IBM CORPORATION, INTE	LLECTU	AL PR	OPERTY LA	N			
Address	650 HARRY ROAD, DEPT.	C4TA/	J2B	****				
City	San Jose	Stá		CA	Zip	Code	95120-60	)99
Country	USA	Telepho	one	(408) 927-3365	F	ax	(408) 927-	3375
Name (Print/Type)	KHANH Q. TRAN		Regist	ration No. (Atto	mey/Agent)		41,352	$\overline{}$
Signature	10, 467	>>		<del></del>	Data	8/29	/03	

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PTO/SB/17 (10-01)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademic Office; U.S. DEPARTMENT OF COMMERCE

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## **FEE TRANSMITTAL** for FY 2003

Patent fees are subject to annual revision.

TOTAL	<b>AMOUNT</b>	OF I	DAVMENT
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(\$) 808.00

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Application Number	
Filing Date	
First Named Inventor	LAWRENCE YIUM-CHEE CHIU
Examiner Name	
Group Art Unit	
Attorney Docket No.	ARC920030012US1

METHOD OF PAYMENT	FEE CALCULATION (continued)					
1. The Commissioner is hereby authorized to charge	3. ADDITIONAL FEES					
Deposit Deposi	Large Small					
Account Number 09-0441	Entity Entity Fee Fee Fee Fee Foo Decoription	Foe Deid				
Deposit IPM Composition	Code (\$) Code (\$)	Fee Paid				
Account Name IBM Corporation	105 130 205 65 Surcharge - late filing fee or oath					
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet					
Applicant claims small entity status. See 37 CFR 1.27	139 130 139 130 Non-English specification					
2. Payment Enclosed:	147 2,520 147 2,520 For filing a request for ex parte reexamination					
Check Credit card Money Other	112 920* 112 920* Requesting publication of SIR prior to Examiner action					
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action					
1. BASIC FILING FEE	115 110 215 55 Extension for reply within first month					
Large Entity Small Entity	116 400 216 200 Extension for reply within second month					
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	117 920 217 460 Extension for reply within third month					
101 740 201 370 Utility filing fee 750.00	118 1,440 218 720 Extension for reply within fourth month					
106 330 206 165 Design filing fee	128 1,960 228 980 Extension for reply within fifth month					
107 510 207 255 Plant filing fee	119 320 219 160 Notice of Appeal					
108 740 208 370 Reissue filing fee	120 320 220 160 Filing a brief in support of an appeal					
114 160 214 80 Provisional filing fee	121 280 221 140 Request for oral hearing					
SUBTOTAL (1) (\$) 750.00	138 1,510 138 1,510 Petition to institute a public use proceeding					
	140 110 240 55 Petition to revive - unavoidable					
2. EXTRA CLAIM FEES Fee from	141 1,280 241 640 Petition to revive - unintentional					
Total Claims Extra Claims below Fee Paid  Total Claims 21 -20** = 1 x 18.00 = 18.00	142 1,280 242 640 Utility issue fee (or reissue)					
Independent 3 3** - X 94.00 0.00	143 460 243 230 Design issue fee					
Claims (84.00) = 0.00	144 620 244 310 Plant issue fee					
	122 130 122 130 Petitions to the Commissioner					
Large Entity Small Entity	123 50 123 50 Processing fee under 37 CFR 1.17(q)					
Fee Fee Fee Fee Description Code (\$) Code (\$)	126 180 126 180 Submission of Information Disclosure Stmt					
103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)	40				
102 84 202 42 Independent claims in excess of 3	146 740 246 370 Filing a submission after final rejection	11				
104 280 204 140 Multiple dependent claim, if not paid	(37 CFR § 1.129(a))  149 740 249 370 For each additional invention to be					
109 84 209 42 ** Reissue independent claims over original patent	149 740 249 370 For each additional invention to be examined (37 CFR § 1.129(b))					
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	179 740 279 370 Request for Continued Examination (RCE)					
and over original patent	169 900 169 900 Request for expedited examination	<b> </b>				
SUBTOTAL (2) (\$) 18.00	of a design application Other fee (specify)					
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40	0.00				

SUBMITTED BY Complete (if applicable)					
Name (Print/Type)	KHANH Q., TRAN	Registration No. (Attorney/Agent) 41,352	Telephone	(408) 927-3365	
Signature	K Jall Ca T	one	Date	8/29/03	

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